CLAIMS

I claim:

1. A personal care product comprising:

(a) at least one polyol polyester that is the esterification reaction product of a polyol having three to six carbons atoms and a carboxylic acid having three to six carbon atoms;

(b) a personal care formulation,

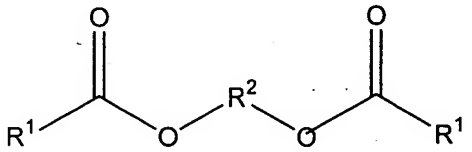
but which does not contain a low viscosity silicone fluid.

2. The product of claim 1, wherein the at least one polyol polyester independently contains at least one to three ether linkages.

3. The product of claim 1, wherein the polyol is independently selected from the group consisting of propylene glycol; 1,3-butylene glycol; 2-methyl-1,3-propanediol; diethylene glycol; neopentyl glycol; triethylene glycol; and dipropylene glycol.

4. The product of claim 1, wherein the carboxylic acid is selected from the group consisting of propanoic acid, butyric acid, 2-methyl propanoic acid, 2-methyl butyric acid, isopentanoic acid, pentanoic acid, hexanoic acid, 2,ethylbutyric acid, and 2-methyl pentanoic acid.

5. The product of claim 1, wherein the at least one polyol polyester has a structure represented by formula (I):



(I)

wherein R^1 is an aliphatic hydrocarbon of about two to about five carbon atoms and R^2 is an aliphatic hydrocarbon of about three to about six carbon atoms, and which contains zero to three ether linkages.

6. The product of claim 1, wherein the personal care formulation is selected from the group consisting of an antiperspirant personal care formulation, a hair conditioning personal care formulation, and a decorative cosmetic formulation.

7. A personal care product comprising:

(a) at least one polyol polyester that is the esterification reaction product of a polyol having three to six carbons atoms and a carboxylic acid having three to six carbon atoms;

(b) a personal care formulation,

but which does not contain a low viscosity silicone fluid and wherein the personal care product has a performance characteristic similar to a personal care composition that contains a low viscosity silicone fluid.

8. A replacement composition to replace a lower viscosity silicone fluid in a personal care composition, the replacement composition comprising at least one polyol polyester that is the esterification reaction product of a polyol having three to six carbons atoms and a carboxylic acid having three to six carbon atoms and having a kinematic viscosity of about 2 to about 20 centistokes at 25 ° C and wherein the replacement composition does not contain a low viscosity silicone fluid.

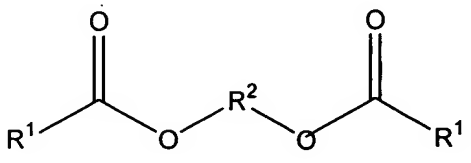
9. A method of preparing a personal care product comprising blending at least one polyol polyester that is the esterification reaction product of a polyol having three to six carbons atoms and a carboxylic acid having three to six carbon atoms with a personal care formulation, wherein the personal care product does not contain a lower viscosity silicone fluid.

10. The method of claim 9, wherein the at least one polyol polyester independently contains at least one to three ether linkages.

11. The method of claim 9, wherein the polyol is independently selected from the group consisting of propylene glycol; 1,3-butylene glycol; 2-methyl-1,3-propanediol; diethylene glycol; neopentyl glycol; triethylene glycol; and dipropylene glycol.

12. The method of claim 9, wherein the carboxylic acid is selected from the group consisting of propanoic acid, butyric acid, 2-methyl propanoic acid, 2-methyl butyric acid, isopentanoic acid, pentanoic acid, hexanoic acid, 2,ethylbutyric acid, and 2-methyl pentanoic acid.

13. The method of claim 9, wherein the at least one polyol polyester has a structure represented by formula (I):



(I)

wherein R^1 is an aliphatic hydrocarbon of about two to about five carbon atoms and R^2 is an aliphatic hydrocarbon of about three to about six carbon atoms, and which contains zero to three ether linkages.

14. The method of claim 9, wherein the personal care formulation is selected from the group consisting of an antiperspirant personal care formulation, a hair conditioning personal care formulation, and a decorative cosmetic formulation.